

In the Specification:

Please substitute the following paragraph for the paragraph commencing at page 2, line 2.

The present application is a continuation-in-part of U.S. Application Number 09/357,196, titled “Security System”, now U.S. Patent No. 6,690,411.

Please substitute the following paragraph for the paragraph commencing at page 2, line 25.

When a contact is broken, ~~and~~ an alarm is sounded or relayed to a central control station located within the building, nearby to the building, or remotely to a central control station of the security company. Besides make/break sensors, security companies also use P.I.R. (passive infrared) sensors which sense heat differences caused by animate objects such as humans or animals. Also used are vibration sensors which, when for example, if placed upon a window, ~~for example,~~ will detect when the window is broken, and radio frequency (rf), radar, and microwave sensors, as well as laser sensing. As with the make/break sensors, when any one of the sensors indicates a detection, a system alarm is indicated. A trouble indication is also given if an alarm unit for the building to which the sensors are connected senses that a path to a sensor is interrupted or broken.

Please substitute the following paragraph for the paragraph commencing at page 4, line 20.

In one broad respect, the present invention is directed to a security system comprising a security gateway located at a premises, wherein the security gateway is operable to detect an

alarm condition and to record video of at least a portion of the premises relating to the alarm condition, said the video hereinafter referred to as an Alarm Video, a security system server operatively coupled to the security gateway through a first network, wherein the security gateway is configured to notify the security system server of the alarm condition and to transfer the Alarm Video to a security system server in substantially real time through the first network, and wherein the security system server is further operatively coupled to the security gateway through a second network, wherein the security gateway is configured to notify the security system server of the alarm condition through the second network. In a narrow respect, the security gateway is further configured to notify the security system server of the alarm condition through the first network substantially simultaneously with notifying the security system server of the alarm condition through the second network. In another narrow respect, the first network is an IP network. In another narrow respect, the first network is an Ethernet-based network. In another narrow respect, the first network comprises the Internet. In another narrow respect, the first network comprises a frame relay network. In another narrow respect, the first network comprises a hybrid-fiber coaxial network. In another narrow respect, the first network comprises a fiber-optic network. In another narrow respect, the first network comprises a DSL network. In another narrow respect, the first network comprises an ATM network. In another narrow respect, the first network comprises a high-speed fixed wireless network. In another narrow respect, the first network comprises a high-speed mobile communications network. In another narrow respect, the second network comprises a public switched telephone network. In another narrow respect, the second network comprises a fixed wireless network. In another narrow respect, the second network comprises a mobile communications network. In another narrow

respect, the security gateway is further operable to record audio from at least a portion of the premises relating to the alarm condition, said the audio referred to hereinafter as Alarm Audio, and wherein the security gateway is further configured to transmit said the Alarm Audio to the security system server through the second network in substantially real time. In another narrow respect, the security system server is configured to provide notification of the alarm condition to a public safety agency. In a narrower respect, the security system server is further configured to provide the Alarm Video to the public safety agency. In another narrow respect, the security gateway is further operable to record audio from at least a portion of the premises relating to the alarm condition, said audio referred hereinafter as Alarm Audio, and wherein the security gateway is further configured to transmit said the Alarm Audio to the security system server through the first network in substantially real time.

Please substitute the following paragraph for the paragraph commencing at page 7, line 11.

In another broad respect, the present invention is directed to a security system for providing security monitoring services comprising a security gateway located at a premises designated by a user, wherein the security gateway is operable to detect an alarm condition and to record video of at least a portion of the premises relating to the alarm condition, said the video hereinafter referred to the an Alarm Video, a security system server operatively coupled to the security gateway and a data center, the data center comprising a user information database, comprising data about the user, said the data referred to hereinafter as User Data, wherein the security gateway is configured to notify the ~~data center~~ security system server of the alarm

condition and to transfer the Alarm Video to the ~~data center~~ security system server in substantially real time, wherein the security system server is operable to associate the Alarm Video with at least a portion of the User Data, ~~said the~~ portion of the ~~user~~ User Data referred to hereinafter as Associated User Data, and a monitoring client operatively coupled to the ~~monitoring client~~ security system server, wherein the ~~data center~~ security system server is configured to transfer the notification of the alarm condition, the Alarm Video and the Associated User Data to the monitoring client, and wherein the monitoring client is configured to display at least a portion of the Alarm Video and the Associated User Data ~~on the monitoring client~~. In a narrow respect, the monitoring client is at a central monitoring station. In another narrow respect, the security gateway is further operatively coupled to a central monitoring server at the central monitoring station, and wherein the security gateway is configured to transfer a notification of the alarm condition to the central monitoring server. In another narrow respect, the data center is further operable to store the notification of the alarm condition in the user information database. In another narrow respect, the data center is further operable to store the Alarm Video in the user information database.

Please substitute the following paragraph for the paragraph commencing at page 11, line 9

In general, network **120** may be a public network or private network, a single network or a combination of several networks. In most embodiments, network **120** may be, but is not required to be, an IP-based network. In some embodiments, it may be desirable for all or a portion of network **120** to include publicly available networks, such as the Internet, to avoid the

need for installing, purchasing, or leasing additional infrastructure. However, in some systems, *e.g.* those that use high-bandwidth transmissions, it may be desirable to include dedicated high-bandwidth connections including, without limitation, as leased lines, frame relay networks, and ATM networks, within network **120**. Further, given the real-time nature of the information that is transmitted, in some systems it may be desirable to use a network **120** with quality of service guarantees ~~given the real-time nature of the information that is transmitted~~.

Please substitute the following paragraph for the paragraph commencing at page 16, line 4.

Additionally, security gateway **115** may be configured to detect if its network connectivity is lost, and send notification to the security system server **131** via the secondary ~~backup~~. backup. If network connectivity is lost while the system is disarmed, but the system is armed before network connectivity is restored, notification is again via the secondary alarm notification network.

Please substitute the following paragraph for the paragraph commencing at page 18, line 12.

In other embodiments, not shown, the security system may include a plurality of distributed monitoring clients **133**, which may be located at one or more locations, coupled to security system server **131**. One or more of such monitoring clients **133** may be located at a central monitoring station, but some monitoring clients **133** may be located at other locations. In one embodiment, at least some of the monitoring clients **133** are coupled to the security system server **131** through the Internet. With all such embodiments, security system server **131** may

route an alarm notification and alarm video to one or more monitoring clients 133 based using on a use of rules-based routing. For example, an alarm notification and related video may be delivered to one or more monitoring clients 133 that have the current availability to review them. Other criteria that may be considered by a rules-based routing engine include, but are not limited to, geographical location of the monitoring client 133, skills of the monitoring client 133, and network efficiencies.

Please substitute the following paragraph for the paragraph commencing at page 24, line 24.

Further, alarm control panel 610 may be configured to communicate with the other components of the security system to monitor their operational state. Information that the alarm control panel 610 may receive includes, but is not limited to, whether security gateway 115 can communicate with the security system server 131 through the communications interface 640, information about AC power failure, trouble by zone, fire trouble, telephone line trouble, low battery, bell output trouble, loss of internal clock, tamper by zone, fail to communicate, module fault, camera trouble, and intercom trouble. The detected operational failure of any component in security gateway 115 may be indicated by a communications loss between components and a concurrent alarm condition reported by alarm control panel 610 and displayed for the user on user interface 650 or announced through audio interface 630. In addition, any detected operation failures may be communicated to the security system server 131 through communications interface 640. Alarm control panel 610 may also be configured to record alarm conditions and associated data in memory. The security system server 131 may also be configured to record

alarm conditions and associated data in addition to or in lieu of alarm control panel **610** doing so.

In other embodiments, other components of security gateway **115** may be configured to perform this function. For example, in one embodiment, video module **620** records alarm conditions and the associated data.